

2015 Symposium on Progress in Wind Engineering and Structural Dynamics

Session Chairmen List

Session 1	Jenmu Wang	
Session 2	Shuyang Cao	Fuh-Ming Fang
Session 3	Stanislav Pospíšil	Chia-Ren Chu
Session 4	Shota Urushadze	Cheng-Hsin Chang

Program

Session 1 (08:30 – 10:00) Chair: Jenmu Wang		
Time	Event/Title of Presentation	Speaker
08:30 – 09:00	Registration	---
09:00 – 09:20	Opening Ceremony	Huan-Chao Keh (TKU Academic Vice President)
09:20 – 10:00	Keynote Speech RECENT DEVELOPMENTS AND CHALLENGES IN WIND ENGINEERING	Yukio Tamura
10:00 – 10:10	Morning Coffee Break	

Session 2 (10:10 – 12:00) Chair: Shuyang Cao, Fuh-Ming Fang		
Time	Event/Title of Presentation	Speaker
10:10 – 10:40	Invited Speech INFLUENCE OF VEHICLES ON BRIDGE FLUTTER AND GALLOPING	Stanislav Pospíšil
10:40 – 11:00	EXPERIMENTAL AND THEORETICAL STUDIES OF INDIRECT BRIDGE FREQUENCY MEASUREMENT USING A PASSING VEHICLE	Shota Urushadze
11:00 – 11:20	VIBRATION REDUCTION FOR THE TRAIN-BRIDGE SYSTEM WITH OVERHANGING BEAM EFFECTS	Jong-Dar Yau
11:20 – 11:40	OPTIMIZATION OF VISCOUS DAMPERS FOR VIBRATION CONTROL OF ADJACENT BUILDING STRUCTURES	Ming-Yi Liu
11:40 – 12:00	INTERFERENCE EFFECTS ON ACROSS-WIND RESPONSE OF A SQUARE PRISM BASED ON AERO-ELASTIC TESTS	Yuan-Lung Lo
12:00 – 13:30	Lunch Break	

Session 3 (13:30 – 15:20)

Chair: Stanislav Pospíšil, Chia-Ren Chu

Time	Event/Title of Presentation	Speaker
13:30 – 14:00	Invited Speech TORNADO-INDUCED WIND PRESSURES ON A COOLING TOWER	Shuyang Cao
14:00 – 14:20	CHARACTERISTICS OF ATMOSPHERIC BOUNDARY LAYERS UNDER STRONG WIND IN TAIWAN	Chii-Ming Cheng
14:20 – 14:40	MEASUREMENT OF AIR FLOW THROUGH A CYLINDRICAL BUILDING WITH LIDAR	Yu-Ting Wu
14:40 – 15:00	MECHANICS OF OPTIMAL STRUCTURAL DESIGN FOR EXTREME LOADS TO PEAK SYSTEM RESPONSES	Chien-Kai Wang
15:00 – 15:20	WIND LOADS ON THE ROOF-TOP MOUNTED SOLAR PANELS ARRAY WITH VARIOUS ROOF SLOPES	Jwo-Hua Chen

15:20 – 15:30	Afternoon Coffee Break
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Session 4 (15:30 – 17:20)

Chair: Shota Urushadze, Cheng-Hsin Chang

Time	Event/Title of Presentation	Speaker
15:30 – 16:00	Invited Speech NUMERICAL SIMULATION OF FLOWS AROUND BROAD-LEAF TREES	Fuh-Min Fang
16:00 – 16:20	SIMULTANEOUS EFFECT OF A MOVING LOAD AND A GROUND MOTION ON A SIMPLE BEAM: NUMERICAL APPROACH	Cyril Fischer
16:20 – 16:40	WIND-DRIVEN VENTILATION FOR TWO OPENINGS ON A SINGLE WALL	Chia-Ren Chu
16:40 – 17:00	FORMULATIONS OF ESTIMATION MODELS FOR WIND FORCE COEFFICIENTS OF RECTANGULARSHAPED BUILDINGS	Jenmu Wang
17:00 – 17:20	THE INITIATIVE OF LIFT FORCE MEASUREMENT OF AN ORNITHOPTER FORMATION	Lung-Jieh Yang

17:20 – 17:30	Closing Ceremony
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18:00 –	Symposium Dinner
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